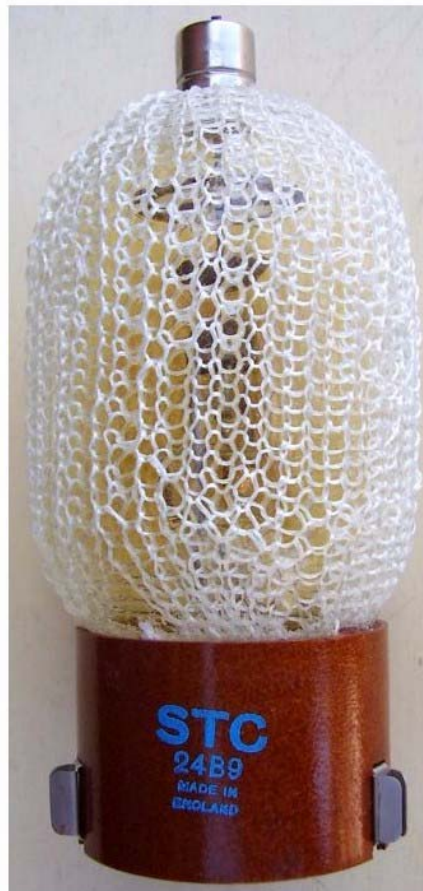


24B9 – Trigatron Spark Gap, Radar Modulator



Trigatrons were widely used as pulse generators in British radar modulators. This family of spark gap has separate triggering electrode to start the conduction. Molybdenum anode and cathode, tungsten trigger electrode. Argon-oxygen filling mixture. The protective sock prevents scattering of glass all around in case of explosion.

Typical operating conditions for the above type:

- **7.2 kV gap hold-off voltage**
- **6.6 kV minimum**
- **150 kW pulse power**
- **180 kW max power at 0.2 duty.**

2500 pps max at 0.25 microseconds pulse duration.

Similar to 24B1 with improved life. Depending upon screening [24B9](#) is accepted as CV6008 and CV6173.